Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 23 Dec 2020 until 23:59 on Thursday 24 Dec 2020

Forecast Issued on Tuesday 22 Dec 2020 at 11:13

Confidence: Medium for Wednesday due to uncertainty in northward extent of precipitation over the United Kingdom. High for settling down Thursday and for Christmas Day, but lower confidence for how quickly rain and cloud spreads from west on 25th.

Headline for Wednesday 23 Dec 2020: Murky and wet in morning. Becoming windier and colder in afternoon with snow falling over the higher tops, but slowly clearing through the evening

Mountain weather hazards on Wednesday 23 Dec 2020

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Light rain	Light rain	Heavy Rain	Heavy Rain	Sleet	Sleet	Sleet
Precipitation probability							
40%	60%	60%	80%	90%	80%	70%	50%

Forecast for Wednesday 23 Dec 2020

Weather: Cloudy with light and patchy rain overnight and any snow on the tops will turn to rain too. Then a murky and rather wet day with heavy rain at times, leading to some flooding and difficult, or perhaps dangerous conditions in places. Becoming windier and colder in the afternoon with rain turning to sleet or snow down to 600m and a significant chill on the tops. Rain and summit snow will turn patchy in the evening and mostly clear by midnight with cloud starting to lift.

Chance of cloud free mountain/hill tops above 600m: Almost nil with extensive cloud down to low levels, though around 30% chance in evening as stronger winds and somewhat drier conditions lift clouds

Visibility: Moderate or poor, but often very poor at height in cloud and especially in snow late, with perhaps blizzard conditions. Becoming mostly good late evening.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Wednesday 23 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/18 E	14/21 E	17/26 E	21/30 NE	25/35 NE	29/41 NE	31/44 NE	27/39 NE	27/39 N
300	7/13 E	10/19 E	13/24 NE	18/29 NE	22/35 NE	26/41 NE	24/38 NE	19/31 NE	21/34 N
Valley	6/13 E	12/24 E	16/31 E	19/38 E	21/41 NE	20/42 NE	18/40 NE	14/32 NE	16/33 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-3	1/-4	1/-5	1/-6	1/-6	1/-7	1/-7	1/-6	0/-7
300	4/1	3/-1	3/-2	3/-2	4/-2	3/-3	3/-3	4/-2	3/-3
Valley	4/2	4/-0	4/-1	4/-2	4/-2	4/-2	4/-1	4/-0	4/-1
Freezing Level*	800m	1200m	1000m	900m	800m	800m	800m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A generally poor day for being out on the hills, with heavy rain and lots of low cloud and hill fog and turning colder and windier with snow falling above 600m, bringing a severe chill and possibly blizzard conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 22 Dec 2020	11.8mm	16.8mm	21.2mm

Forecast for Thursday 24 Dec 2020

Weather: Cloud will thin and break overnight and rain and hill top snow will clear in early hours. Then a mostly dry day with bright or sunny spells, but a frost in shelter in morning and feeling very cold with a severe chill.

Maximum wind: Northerly 25-30 gust 40mph, but 35 gust 50mph over Dark Peak

Chance of cloud free mountain/hill tops above 600m: 10-30% in early hours with extensive cloud down to 500m, but 90% or more through the day with little cloud on the hills.

Visibility: Moderate perhaps poor in early hours, but good or very good through the day

Temperature: **Valleys:** Plus 2, but minus 1 C in sheltered valleys, rising to plus 4 C, but falling to plus 1 or 2 C later
At 600m: Zero C falling to minus 3 C
Freezing level: 600m fallng to 400m

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